

I CLAIM:

1. A self-opening handle for a heavy duty artistic knife comprising:

a handle which is combined with a first and a second  
5 corresponding halves and each has an elongate groove in front  
top engaged with each other to define a gap therebetween, a  
plurality of transverse stop blocks spacedly formed under said  
elongate grooves, a plurality of longitudinal ribs spacedly  
formed under said stop blocks to define a sliding space  
10 thereinbetween, a horizontal slot in lower middle portion  
made in registry with one another and a circular recess in  
a lower inner wall adjacent rear end thereof engageable with  
each other for respectively disposing a pair of magnets therein,  
wherein said first corresponding half further has a blade  
15 chamber in rear portion, a deep small circular depression in  
an outer surface surrounding said horizontal slot and a lug  
with an aligned through hole on rear end thereof; said second  
corresponding half further has a semi-circular depression in  
an outer surface surrounding said horizontal slot and a  
20 projection with a pair of lateral axial rod at rear end  
rotatably engaged with the aligned through hole of said lug  
of said first corresponding half;

a blade rack slidably disposed in front portion of said  
handle having a stop plate at rear end engageable with said  
25 transverse stop blocks, a striped slider above said stop

plate slidably engaged within said elongate grooves and a pair of notches spacedly formed on one side for engaging with a fin on middle top of a trapezoid shape blade;

5 a swivel lock locking a middle portion of side first and second halves having a swivel button engaged with said semi-circular depression and a T-shaped shank centrally projected from inner side of said swivel button and inserted through said horizontal slots.

2. The heavy duty artistic knife as recited in claim 1,  
10 wherein said pair of magnets are disposed with their identical poles toward each other.

3. The heavy duty artistic knife as recited in claim 1, wherein said swivel lock has to turn about 90 degrees when locking and unlocking said corresponding halves.

15 4. The heavy duty artistic knife as recited in claim 1, wherein said stop plate is disengaged with said transverse stop blocks when said striped slider is pressed downward.

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